

~~CONFIDENTIAL~~ODP-81-1299  
SAF-E662-81

5 OCT 1981

MEMORANDUM FOR: Director of Communications  
VIA : Director of Data Processing /s/ BTJ  
25X1  
FROM : [REDACTED] Director, Consolidated SAFE Project Office/ODP  
SUBJECT : SAFE Cryptographic Support Requirements [REDACTED] 25X1  
REFERENCE : ODP-81-056, dated 14 January 1981

1. For planning purposes, the referent memorandum defined the SAFE Project cryptographic support requirements. The specifics of these requirements have been further defined as follows:

A. The KG-48 training sponsored by NSA at Burroughs Corporation, Paoli, PA will begin 5 October 1981. The course will accommodate 6 technicians and is being designed to provide the technician with sufficient knowledge to maintain the KG-48 to the board level. The course will also include training on the ST-48 (DEC LSI-11 based KG-48 test set). The length of the course is 5 weeks. The course is certified by NSA.

B. The October 1981 requirement for on-site KG-48 maintenance support is being delayed. On-site support is now expected to begin May 1982. A total of 15 KG-48's will require support. Initially, 12 KG-48's will be located in the SAFE computer center at the Headquarters building and 3 KG-48's will be located at the TRW SAFE Development Facility (DF) in Torrance, CA. The KG-48's at the DF are scheduled for transfer to Headquarters in CY1983.

C. The October 1981 requirement for a on-site and depot level KGV-16 Cryptographic Module (CM) maintenance support is now expected to begin concurrent with the KG-48 installation in the Headquarters Building in May 1982. A total of 700 CMs will require support. As scheduled, 50 units will be installed in CY1982, 200 in CY1983, and 400 in CY1984. The remaining 50 CMs will be used as spares. The CMs are designed for compatibility with the General Radio GR-1792D for depot level maintenance. The NSA sponsored training on the CM is tentatively schedule for 15 and 16 December 1981 at [REDACTED] 25X1

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Motorola, Corp., Scottsdale, AZ. The course will accommodate 8 technicians.

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D. The October 1982 requirement for depot-level KG-48 maintenance support remains valid. [redacted]

2. For additional information concerning the above, please contact Mr. [redacted] SAFE COMSEC Officer, on secure [redacted]

[redacted] 25X1

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ODP-81-056  
SAF-E019-81  
14 January 1981

MEMORANDUM FOR: Director of Communications

VIA : Director of Data Processing

25X1 FROM : [REDACTED] Director, Consolidated SAFE Project Office/ODP

SUBJECT : SAFE Cryptographic Support Requirements [REDACTED] 25X1

1. The delivery of the Initial Operational Capability (IOC) cryptographic hardware for Project SAFE will begin in September 1981. The IOC cryptographic hardware will consist of 12 each KG-48 key generators and 650 each KGV-16 cryptographic modules. For planning purposes, the SAFE Project will require the following support:

- A. September 1981 - Participation in KG-48 training sponsored by NSA at Burroughs Corporation, Paoli, Pa. Course length is 6 weeks.
- B. October 1981 - Begin on-site KG-48 maintenance support. Depot level maintenance for KG-48 will be provided by NSA through FY-82.
- C. October 1981 - Begin on-site and depot level KGV-16 maintenance support.
- D. October 1982 - Begin depot level KG-48 maintenance support. [REDACTED]

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2. For additional information concerning the above, please contact Mr. [REDACTED] SAFE COMSEC Officer, on secure phone [REDACTED] [REDACTED]

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